

Semester #	Subject Code	Subject Name	Number of Credits
Semester 1	MSP - 601	Mathematical Physics	4
	MSP - 603	Quantum Mechanics	4
	MSP - 605	Electrodynamics and Advanced Optics	4
	MSP - 607	Atomic and Molecular Physics	4
	MSP - 609	General Physics: Practical I- Lab Course	4
	MSP - 611	Seminar I	1
Semester 2	MSP - 602	Statistical Mechanics	4
	MSP - 604	Solid State Physics	4
	MSP - 606	Electronic Devices and Circuits	4
	MSP - 608	Numerical Methods and Programming	4
	MSP - 610	General Physics: Practical-II - Lab Course	4
	MSP - 612	Seminar II	1
Semester 3	MSP - 701	Advanced Laser Technology	4
	MSP - 703	Optical Communication and Devices	4
	MSP - 705	Non-Linear Optics	4
	MSP - 707	Micro and nanophotonics	4
	MSP - 709	Advanced Photonics Laboratory Course	4
	MSP - 711	Term paper	2
Semester 4	MSP-702	Project	21